Winter 2020-21 Term 2: Course Project Information

Introduction

The Course Project for GEOG 109 is designed to bring together the knowledge acquired through lectures and laboratory exercises and allow you to apply it to your surrounding environment using real-world examples. The project is composed of 2 main parts: a virtual field trip to the South Okanagan and the production of your own 4–6 minute video.

Project Requirements

- This is an individual project.
- The video (or total for 2 separate videos) must be at least 4 minutes in length but no longer than 6 minutes.
- Possible topics: geological structures, hillslope processes, weathering processes, karst landscapes, fluvial geomorphology, glacial and periglacial geomorphology, coastal geomorphology, desert geomorphology. You may check with your course instructor for additional unlisted topics.
- Camera: Most of you will have video recording capability in your phone or tablet.
- Due dates: Multiple. See Grading section below.
- Submission: file uploads on Canvas.

Part 1: Geomorphology of the South Okanagan: Virtual Field Trip

Your task: Complete Lab 22 as detailed in the lab manual

- Access: Embedded into Canvas (click here); also available at https://pressbooks.bccampus.ca/geoglabs2020/chapter/lab-22-geomorphology-virtual-field-trip/
- Read the introduction
- EX1: Follow the virtual field trip in Google Earth and watch the 12 videos
    - Note: to access and download the KML file, right-click on the link, open in new tab, save.
- EX2: Answer questions for each of the 4 components: Plate Tectonics and Volcanoes (questions 1–4); Glacial Processes (questions 5–10 AND question 23); Weathering and Mass Movement (questions 11–14); Fluvial Processes (questions 15–22).

Submission deadlines: Each of the 4 components has to be submitted individually by the specified date; see timeline/schedule below for due dates. *These have been set to follow the lecture and lab schedules but can be completed and submitted at any point before the due date.*

Submission format: As a file upload (pdf format) on Canvas.

Grading: A rubric is included in each assignment submission section on Canvas with grade breakdown. Note that your final grade for this portion of the course project will be calculated after all 4 components have been submitted and graded.

Part 2: Geomorphology of your home area

Your task is to create a short video detailing 2 geomorphological features occurring in your area.

Part 2A: Planning phase

- *Where do I start?* Maybe you live in the middle of a large city and don't think there is much

geomorphology happening around you. One of the goals of this course and of this project is to change your perspective, so you can start looking at the world around you with the eyes of a physical geographer. Is there a river or creek nearby? You should be able to find examples of fluvial geomorphology and potentially also weathering and mass wasting processes associated with it.

- You may want to browse through the textbook and lab manual, watch the videos from the virtual field trip or research the internet to give you some ideas.
- Once you have an idea of the topics you want to cover, research them in more details and envision how your video will look and sound.

Part 2B: 1st draft

- Your first draft will include a basic **outline** of the topics to be covered and the locations chosen.
- It should also include a short description of the **rationale** behind your topic decision.
- It will be marked by TAs and be returned at the beginning of the week after reading week.
- Format of 1st draft: file **upload** on Canvas (as a **pdf**); approximately 1/2–1 page in length, standard size page, 12-point double space font with regular margins (2.54 cm).

Part 2C: 2nd draft and peer review

- Review marked 1st draft and integrate suggestions into your plan.
- Your 2nd draft represents a more **refined** and detailed version of your 1st draft.
- Format of 2nd draft: **paste text** into submission box on Canvas (this is to ensure anonymity during peer review); equivalent to approximately 1 page in length, standard size page, 12-point double space font with regular margins (2.54 cm).
- This 2nd draft includes an anonymous **peer-review process**, where you will help your peers by offering feedback on their plan, and you will receive feedback from them.
    - The **quality** and **efficiency** of the feedback is marked. You need to comment on the draft, offer suggestions and recommendations on how to improve the content, etc. A simple 'it's a very good draft' is not sufficient!
    - A rubric is included to aid you in the peer review process.
    - You need to **submit** your 2nd draft **on time** to participate in the peer review process (see Late Work Policy for Course Project below).
    - The 2nd draft from 2 other students will be **assigned** to you randomly by Canvas. You will have 2 weeks to review them and upload your comments.
    - Format of peer review file: **paste text** into submission box on Canvas; you can comment on each aspect of the rubric and paste that into the submission box in that format. Make sure to indicate whose draft you are reviewing (as this is anonymous, it will be something like student A/B or 1/2).
- Your 2 peer reviewed drafts will then be sent back to you automatically by Canvas.

Part 2D: Required elements for the video

- Length: Your video (or total for 2 separate videos) should be 4–6 minutes in length. Note: you can make either one continuous video or 2 separate videos, one for each topic.
- Style: You must be narrating during the video.
- Introduction: Your video should begin with your name and the title (2 features studied and location).
- File format: Your video must be submitted in one of the following file formats: .mov, .mv4, mp4, .wmv. Be sure to test your finished product ahead of the deadline.
- Video quality: The video is not assessed on the basis of its technical merits (i.e., you will not get extra points because the final product is visually impressive or refined).

- Sound quality: Sound quality is more important than video quality; your voice must be clear.

Part 2E: Script and reflection

- You need to create a script, which you will narrate during your video, and submit it as part of this project.
- You must also include any references that you use.
- This step will also involve answering a few questions about your experience (provided later in the term).
- Format of script and reflection file: file upload on Canvas (as a pdf); no specific length, standard size page, 12-point double space font with regular margins (2.54 cm).

Part 2F: Presentations

- During the last 2 weeks of the term, your video(s) will be shown to your lab section. You must be present to introduce the video and answer a few informal questions at the end.

Timeline/Schedule

#	Dates	Details
1	Jan. 11-15	*Part 2A: Planning* Read the project description and instructions. Start looking around your surroundings for ideas
2	Jan. 18-22	Scan through the lecture and lab schedules and the textbook; pick your two topics
3	Jan. 25-29	*Part 2B: 1st draft* Start writing your 1st draft
4	Feb. 1-5	Draft your initial plan and ideas for the video → **Submit 1st draft: Feb. 8th**
5	Feb. 8-12	TAs review 1st draft
6	Feb. 15-19	Reading week
7	Feb. 22-26	1st draft returned *Part 2C: 2nd draft and peer review* Review marking/suggestions and work on 2nd draft → **Submit 2nd draft: Mar. 1st; Peer review assigned** → **Plate Tectonics and Volcanoes due Mar. 1st**
8	Mar. 1-5	Provide feedback on the draft done by two of your peers → **Weathering and Mass Movement due Mar. 8th**
9	Mar. 8-12	Provide feedback on the draft done by two of your peers. → **Feedback due Mar. 15th**
10	Mar. 15-19	*Part 2D: Video; Part 2E: Script* Write your script and make your video, using your peers' feedback where appropriate → **Fluvial Processes due Mar. 22nd**
11	Mar. 22-26	Write your script and make your video, using your peers' feedback where appropriate → **Glacial Processes due Mar. 29th**
12	Mar. 29-Apr. 2	Write your script and make your video, using your peers' feedback where appropriate → **Video(s) due April 6th**

13	Apr. 5-9	*Part 2F: Presentations* → **Script/Reflection due April 13th**
14	Apr. 12-16	*Part 2F: Presentations*

Grading (25 points possible)

Part	Detail	Grade Breakdown
Part 1: Virtual Field Trip	Plate Tectonics and Volcanoes	2 pts
	Weathering and Mass Movement	2 pts
	Fluvial Processes	2 pts
	Glacial Processes	2 pts
Part 2A to 2C: Plan of Project	1st draft of plan; marked by TAs	2 pts
	2nd draft of plan, feedback provided by peers; quality/efficiency of feedback is marked	2 pts
Part 2D to 2F: Project deliverables	Presentation	3 pts
	Video	5 pts
	Script/Reflection	5 pts

Late Work Policy for Course Project

Part 2A: Planning
Nothing has to be submitted, so there is nothing to be marked late. The earlier you start thinking about your project topics, the easier it will be to make changes or adjust if necessary.

Part 2C: 2nd draft
The feedback process will be done through Canvas. Note that only drafts submitted on time can be assigned to the peer feedback process, and it is not possible to assign you drafts to review unless you submit yours on time. Therefore, you must submit your draft on time to take part in the peer review process. Remember that this is only a draft and that it does not have to be perfect.

Part 2D: Video
File(s) need to be submitted by the deadline, no matter when your scheduled presentation timeslot is.

Part 2F: Presentations
You must attend your presentation timeslot to introduce your video and answer a few questions.

For these remaining components, ***work can be submitted up to 3 days late, with a 10% per day late penalty****:*

- Part 1: Virtual field trip
- Part 2B: 1st draft
- Part 2C: Peer review feedback file upload
- Part 2E: Script/Reflection